

A B S T R A C T

A METHOD OF MANUFACTURING A THERMOSTRUCTURAL COMPOSITE MATERIAL BOWL, IN PARTICULAR FOR AN INSTALLATION THAT
5 PRODUCES SILICON SINGLE CRYSTALS.

A composite material bowl 36 comprising fiber reinforcement densified by a matrix is made by winding a yarn on a preform 28 having an axial passage 30 through
10 its bottom, densifying the preform by chemical vapor infiltration, and closing the passage by a plug 34. Prior to densification, the preform can be consolidated. A final chemical vapor infiltration step can be performed after the plug has been put into place.
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Translation of the title and the abstract as they were when originally filed by the
35 Applicant. No account has been taken of any changes that may have been made subsequently by the PCT Authorities acting ex officio, e.g. under PCT Rules 37.2, 38.2, and/or 48.3.